UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,057,773 B2
APPLICATION NO. : 10/029267
DATED   : June 6, 2006
INVENTOR(S)   : Peter William Mitchell Ilbery

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, Item
(56) References Cited, OTHER PUBLICATIONS (page two), after "D. Hong et al.,": "Dernel" should read -- Kernel--.

DRAWINGS:
Sheet 13, Figure 14, "HORZONTAL" should read -- HORIZONTAL --;
Sheet 14, Figure 15, "HORZONTAL" should read -- HORIZONTAL --; and
Sheet 15, Figure 16, "HORZONTAL" should read -- HORIZONTAL --.

COLUMN 4:
Line 47, "lines" should read -- lies --; and
Line 54, "253," should read -- 253. --.

COLUMN 5:
Line 57, "arc" should read -- are --.

COLUMN 11:
Line 45, "thereof It" should read -- thereof. It --; and
Line 54, "worn" should read -- worm --.

COLUMN 12:
Line 36, "worn-free," should read -- worm-free, --.

COLUMN 13:
Line 17, "FIG. 8" should read -- FIG. 8 shows --.

COLUMN 14:
Line 48, "fiber" should read -- further --; and
Line 65, "ie" should read -- ie. --.

COLUMN 15:
Line 21, "(ie e_curr_line$_{ij}$)" should read -- (ie. e_curr_line$_{ij}$) --.

COLUMN 17:
Line 56, "$h_{curr}=mask_{curr}+mask_{curr}{}^{*2}+mask_{curr}{}^{*3}+$" should read
-- $h_{curr}=mask_{curr}+mask_{curr}{}^{*2}+mask_{curr}{}^{*3}+\ldots$ --.

COLUMN 19:
Line 62, "(7) follows:" should read -- (7) as follows: --.

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COLUMN 21:
Line 46, "approximations" should read -- approximation, --.

COLUMN 22:
Line 18, "singular" should read -- similar --;
Line 20, "his" should read -- this --;
Line 30, "function Note" should read -- funtion. Note --; and
Line 66, "small These" should read -- small. These --.

COLUMN 23:
Line 42, "arc" should read -- are --; and
Line 62, "patters" should read -- patterns --.

COLUMN 24:
Lines 63-64, form (63), "$(1/\pi)(b/(b^2+x^2))*(1/\pi)(b/(b^2+x^2))=(1/\pi)(2b/(2b)^2+x^2))$" should read -- $(1/\pi)(b/(b^2+x^2))*(1/\pi)(b/(b^2+x^2))=(1/\pi)(2b/((2b)^2+x^2))$ --.

COLUMN 25:
Line 51, "the use" should read -- The use --.

COLUMN 27:
Line 24, "defused" should read -- defined --;
Line 42, "constant" should read -- constant. --;
Line 44, form (84), "$f(x)=(1/\pi)(1/r)(b/r)(1/\pi)b/(b^2+x^2)$," should read -- $f(x)=(1/\pi)(1/r)(b/r)=(1/\pi)b/(b^2+x^2)$, --.

COLUMN 28:
Line 13, "It" should read -- it --.

COLUMN 29:
Line 6, form (93), "$(F(w))^n=F(nw)$ for $n=1,2,3$" should read -- "$(F(w))^n=F(nw)$ for $n=1,2,3...$ --;
Line 13, form (95), "$F(w)/F(w)=F(nw)/F(nw)$ for $n=1,2,3$" should read -- $F(w)/F(w)=F(nw)/F(nw)$ for $n=1,2,3...$ --;
Line 22, "real for" should read -- real. For --; and
Line 34, "function" should read -- function. --.

COLUMN 30:
Line 7, "unction" should read -- function --.

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COLUMN 33:
Line 29, "pixel" should read -- pixel. --.

COLUMN 35:
Line 42, "image" should read -- image. --;
Line 57, "being" should read -- (being --.

COLUMN 36:

Lines 59-61, form (112), "$\sum_{1<=j<=12} e_c[i] + \sum_{0<=i<=12} e_n[i] = $ table_index_upper_bits-out" should read

-- $\sum_{1<=i<12} e_c[i] + \sum_{0<=i<=12} e_n[i] = $ table_index_upper_bits-out --.

COLUMN 37:
Line 39, "worn" should read -- worm --.

COLUMN 41:
Line 62, "image Because" should read -- image. Because --; and
Line 67, delete "is".

COLUMN 42:
Line 65, "fill" should read -- full --.

COLUMN 43:
Line 42, "only" should read -- only. --

COLUMN 44:
Line 16, "tions" should read -- tions. --.

COLUMN 45:
Line 14, "next scanline" should read -- next scanline. --;
Line 19, "(r_{ij})," should read (r_{ij}). --; and
Line 32, "$e\_prev\_line_{j+1} = \sum_{n<=1}(e\_line_{j+1-n} * h_{next} *^n)$" should read
-- $e\_prev\_line_{j+1} = \sum_{n>=1}(e\_line_{j+1-n} * h_{next} *^n)$ --.

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COLUMN 46:
Line 13, "left-light" should read -- left-right --;
Line 36, delete "ps Shiau and Fan Extended Distribution Set Error";
Line 37, "Diffusion" should read -- Shiau and Fan Extended Distribution Set Error Diffusion --;
Line 44, "FIG. 26" should read -- FIG. 26. --;
Line 51, "(U.S. Pat. No. 5,353,127)" should read -- (U.S. Pat. No. 5,353,127). --; and
Line 65, "distribution" should read -- distribution. --.

COLUMN 47:
Line 33, "reasonable" should read -- is reasonable --; and
Line 59, "function" should read -- function: --.

COLUMN 48:
Line 13, "mask;" should read -- mask: --;
Line 34, "grey levels" should read -- grey levels. --; and
Line 46, "$f(x)=(1/\pi)(1/(1+x^2)$" should read -- $f(x)=(1/\pi)(1/(1+x^2))$ --.

COLUMN 50:
Lines 18 and 38, "$\Sigma_k h_{next}[k]=1;$" should read -- $\Sigma_k h_{next}[k]=1;$ and --; and
Lines 20 and 39, "distribution" should read -- distribution. --.

COLUMN 51:
Line 9, "$\Sigma_k h_{next}[k]=1$" should read -- $\Sigma_k h_{next}[k]=1.$ --; and
Line 56, "scanlines" should read -- scanlines. --

COLUMN 52:
Line 42, "integral)" should read -- integral). --; and
Line 59, "$1/\pi r)$" should read -- $1/(\pi r)$ --.

COLUMN 53:
Line 28, delete "ti"; and
Line 32, "$\Sigma_k h_{next\_target[k]=1}$" should read -- $\Sigma_k h_{next\_target}[k]=1$ --.

COLUMN 54:
Lines 8-9, "$h_{next\_actual}=(\delta 30 mask^{curr}+mask_{curr}{}^{*2}+mask_{curr}{}^{*2}+mask_{curr}{}^{*3}...)*mask_{next}$" should read
-- $h_{next\_actual}=(\delta + mask_{curr}+mask_{curr}{}^{*2}+mask_{curr}{}^{*2}+mask_{curr}{}^{*3}...)*mask_{next}$ --; and
Line 33, "distribution" should read -- distribution. --.

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COLUMN 55:
Line 17, "FIG. 35" should read -- FIG. 35. --.

COLUMN 57:
Line 10, "pixel;" should read -- pixel; and --;
Line 41, "i) on" should read -- (i) on --; and
Line 49, "fight" should read -- right --.

COLUMN 58:
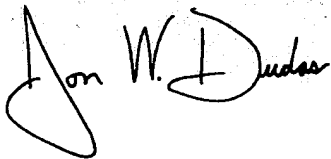Line 4, "offsets;" should read -- offsets; and --.

COLUMN 59:
Line 22, "self-convolution;" should read -- self-convolution; and --.

COLUMN 60:
Line 36, "embodie" should read -- embodied --; and
Line 52, "response;" should read -- response: --.

Signed and Sealed this

Sixteenth Day of January, 2007

JON W. DUDAS
Director of the United States Patent and Trademark Office